



01838E00

Control Switches Series 8008

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Up to 4 poles
- NO contacts spring-loaded, suitable for EMERGENCY STOP functions
- In latching or spring-return form


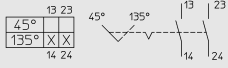
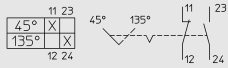
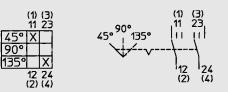
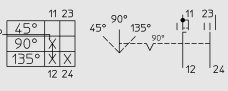
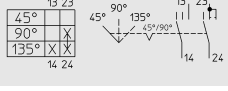
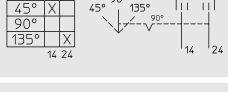

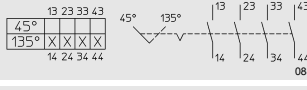


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The switching arrangement is selectable and can be latching or spring-return.

The control switches can be used for EMERGENCY STOP functions acc. to IEC 204 DIN VDE 0113.

Zones 1 & 2

Selection table

Version	Switching arrangements	Assembly	Ordering code	Weight kg
8008/2 Control switch 2-poles  01832E00		002 08765E00	8008/2-002	0,128
		016 08857E00	8008/2-016	0,128
		027 08758E00	8008/2-027	0,128
		034 08766E00	8008/2-034	0,128
		038 08767E00	8008/2-038	0,128
		040 08859E00	8008/2-040	0,128
8008/2 Control switch 4-poles  01833E00		102 08860E00	8008/2-102	0,186
		106 08861E00	8008/2-106	0,186
		110 08862E00	8008/2-110	0,186
Note	The standard contact arrangements are examples, other 3 or 4 pole versions are available			

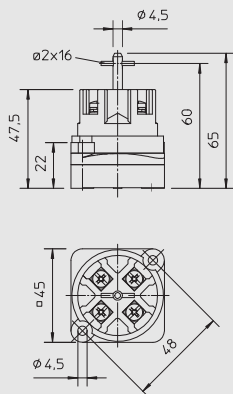


Technical Data

Explosion protection																																									
Certificates	PTB 00 ATEX 1111 U																																								
Other certificates	CSA (Canada), FM (USA), UL (USA), Promatomnadzor (Belarus)																																								
Housing	Epoxy resin																																								
Rated working voltage	690 V + 5 %, AC 1, 220 V DC 1, max. 750 V																																								
Rated working current	max. 16 A																																								
Switching capacity	<table border="0"> <tr> <td>8008/2-0..., 8008/2-1..</td> <td>AC 1</td> <td>16 A</td> <td>690 V</td> <td></td> </tr> <tr> <td></td> <td>AC 15</td> <td>16 A</td> <td>415 V</td> <td></td> </tr> <tr> <td></td> <td>AC 3</td> <td>8 A</td> <td>500 V</td> <td></td> </tr> <tr> <td></td> <td>AC 3</td> <td>4 A</td> <td>690 V</td> <td></td> </tr> <tr> <td>8008/2-...</td> <td>DC 1</td> <td>10 A</td> <td>24 V</td> <td></td> </tr> <tr> <td></td> <td>DC 1</td> <td>6 A</td> <td>60 V</td> <td></td> </tr> <tr> <td></td> <td>DC 1</td> <td>6 A</td> <td>110 V</td> <td>2 contacts connected in series</td> </tr> <tr> <td></td> <td>DC 1</td> <td>6 A</td> <td>220 V</td> <td>3 contacts connected in series</td> </tr> </table>	8008/2-0..., 8008/2-1..	AC 1	16 A	690 V			AC 15	16 A	415 V			AC 3	8 A	500 V			AC 3	4 A	690 V		8008/2-...	DC 1	10 A	24 V			DC 1	6 A	60 V			DC 1	6 A	110 V	2 contacts connected in series		DC 1	6 A	220 V	3 contacts connected in series
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Contacts	max. 4 pole; NC contact for EMERGENCY STOP function																																								
Switching angle	n x 30 ° / n x 45 ° / n x 90 °																																								
Life	10 ⁶ operations																																								
Ambient temperature	- 55 °C ... + 40 °C																																								
Flexible lead	6 mm ² flexible																																								
Actuators																																									
Material	Polyamide																																								
Impact strenght	≥ 7 Nm																																								
Degree of protection	IP 66																																								
Sealing material	Neoprene																																								
Symbol discs	PVC																																								
Actuator																																									
small ø 40 mm	a) not lockable b) lockable in one positon with bracket																																								
large ø 64 mm	in black or red/yellow a) with protective collar, not lockable b) with protective collar, can be locked up to 3 padlocks																																								

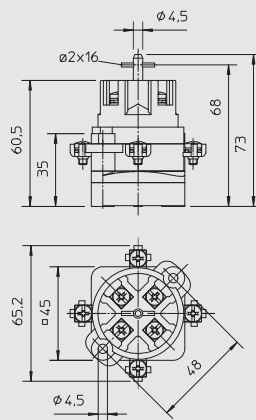
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Dimension drawings (all dimensions in mm) - subject to alterations



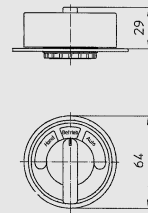
04220E00

8008/2 Control switch 2 poles



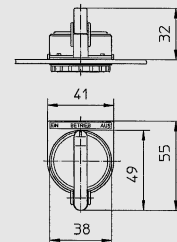
04420E00

8008/2 Control switch 4 poles



04041E00







Rotary actuator, large, for 8008, assembly code 731



04060E00

Rotary actuator, small, lockable, for 8008, assembly code 734



Accessories and Spare Parts				
Designation	Illustration	Description	Order number	Weight kg
Small rotary actuator	 05527E00	Ø 40 mm not lockable assembly code 732	8602808167AA	0,001
		Specify labels: see bottom		
Small rotary actuator with knob	 05644E00	Ø 40 mm lockable in one position for padlocking position assembly code 734	8602803167	0,039
		Specify labels: see bottom		
Additional symbol disc for small actuators	 05543E00	Label mount, size 1, without insertable label Text: 1 line	8602904800	0,002
		Label mount, size 2, without insertable label Text: 1 or 2 lines	8602907800	0,003
		Label mount, size 3, without insertable label Text: 1, 2 or 3 lines	8602920800	0,004
		for actuator inserts to fit standard d 30.5 mm holes		
		Symbol labels: without text with text; please specify text HAND - 0 - AUTO I - 0 - II OFF - • - ON 0 - I - II 0 - I 0 - Operation - I I - II 0 - • - I		
Large rotary actuator	 05529E00	handle: black 8602A0731-1-ss protective collar: black Ø 64 mm padlockable labels have to be ordered separately	8602802167	0,062
		Specify labels: see bottom		
Large rotary actuator with knob	 05549E00	Ø 64 mm black, lockable assembly code 724-1	8602809167AA	0,800
		Specify labels: see bottom		
Symbol discs for large actuators		Text 0/OFF - I/ON	8602911850	0,001
		Text 0/OFF • I/ON	8602921850	0,001
		Text 0 - Betrieb - I	8602912850	0,001
		Text 0 - I - II	8602913850	0,001
		Text I - 0 - II	8602914850	0,001
		label printed acc. to specification, please specify marking	8602923850	0,001
Adaptor	 05615E00	for installation of control switch 8008 on mounting rail TS 35	8040805290	0,022

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.